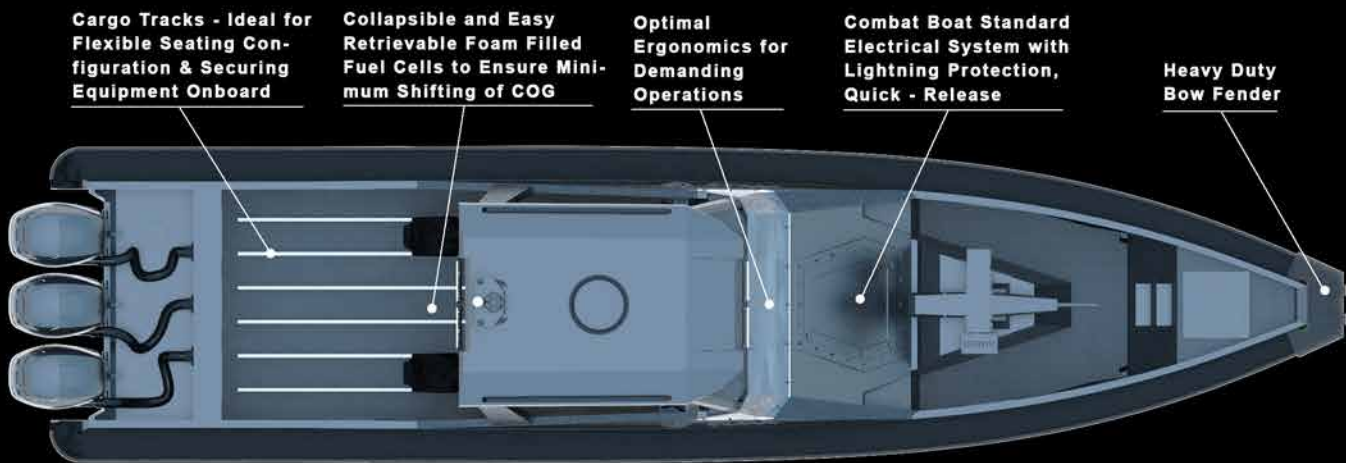
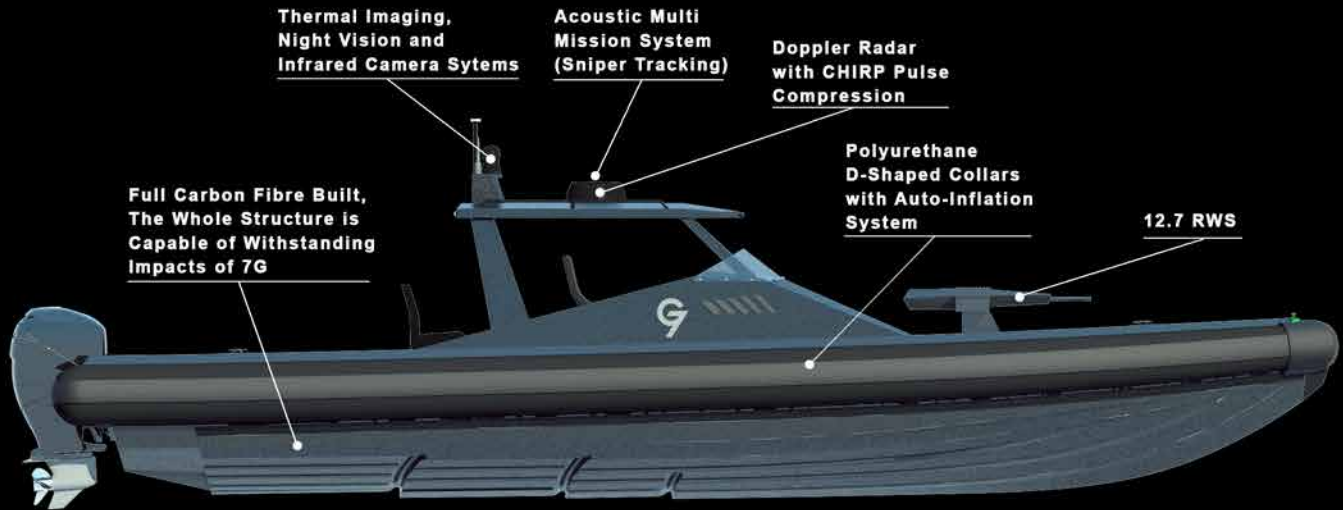




G7 FAST INTERCEPTOR
LENGTH (LOA) : 11.80 m
BEAM (INFLATED) : 3.0 m
DISPLACEMENT (LIGHTSHIP) : 3,800 kg
MAX SPEED (LIGHTSHIP) : 70+ kn
CRUISING SPEED : 50 kn
RANGE : 300 NM+





MATERIALS

HULL : Full carbon fibre ,vacuum infused, three stepped deep V – hull enables safe and predictable operations,minimizing sensitivity to weight shifting onboard and ensuring minimal bow rise at lower speeds.G7 allows structural impacts of more than 7G,and airborne transportation .

G7 is manufactured using the best available technology – vacuum infusion, a vinylester sandwich with a Corecell and multiaxial carbon fibre.

COLLARS :

- Polyurethane fabrics,D – shaped collars with seamless structure
- Heavy – duty auto – inflation system
- Heavy – duty , removable bow fender

COLOURS

HULL : Matt black

DECK : Matt black,6mm neoprene decking covered with heavy – duty non – skid diamond grip surface.

COLLARS : Matt black,seamless structure

PROPULSION SYSTEM

2 X 400 HP

MAX SPEED : 60+knots (cruise speed 40 knots)

3 X 400 HP

MAX SPEED : 70+knots (cruise speed 50 knots)

NAVIGATION SYSTEM

Coxswain and navigator’s position

- Doppler Radar with CHIRP pulse compression
- 4 x Multi mission Monitors
- Integrated navigation computer
- GPS / AIS
- Transducer multisensor with depth, speed, and temperature functions

ELECTRICAL SYSTEM

The electrical system aboard G7 is built according to Combat Boat 90 standards and ensures secure operations in challenging environments.The whole system is built using high quality marine grade components and includes protection against lightning.

The 12V system comprises two battery sections : one separate battery group for the engines and one for consumers (totally four batteries). House batteries for consumers are high grade lithium batteries connected to 12V generators and monitoring allowing more than eight hours of full-system operation without engine operation.

SHOCK- MITIGATION SYSTEM

4 Bolsters carbon fiber shock mitigation seats and 4-6 shock mitigation jockey seats.

COMMUNICATION

- Marine VHF Radio
- Combat Net Radio
- HF/VHF/UHF Combat Net Radio
- Personal Radio
- Wireless communication secured link
- Full duplex multiuser conference simultaneous voice and data built-in GPS

INTERCOM

A comprehensive Integrated Communications Centre and Intercom system allows for intercommunication between crew members and external parties via radio communication and Radio Gateway for radio integration on military VoIP (Voice over IP) networks. Ethernet switching, embedded optional IP routing, WIFI access point and embedded computer to run user applications (VoIP call control, BMS, etc.) are available features.

NON - SKID SURFACES & CARGO TRACKS

G7 is equipped with a black anodized cargo track system originally designed for airplanes.

The cargo track system throughout the entire deck and freeboards allows various seating configurations and for equipment to be efficiently secured on board.The deck is covered with 6mm neoprene matting with 3mm heavy duty diamond pattern EVA®grip nonskid rubber. All other exposed surfaces are also covered with diamond pattern non skid rubber to ensure effective grip during operations onboard.

TACTICAL EQUIPMENT

- 12.7 mm marized remote gyro stabilized weapon system (RWS)
- Thermal imaging, night vision and infrared camera systems
- Acoustic multi mission system (sniper tracking)

STRONG POINTS

- Single towing point in the bow
- Twin towing points at the transom
- Four lifting points

WORKING AREA

Besides standard container compatibility unique for its class, G7 provides generous working areas forward and aft of the console. G7 features up to five row seating (10 crew) configuration and there is plenty of space for installing diving or boarding equipment. Grip handles are conveniently located to ensure safe fore and aft passage. To minimize operational risks, the boat is equipped with flush deck plates and hatches with no visible handles.

FUEL SYSTEM

Revolutionary ballistic collapsible fuel cell system enables quick,safe fuel cell removal . Due to the systems’s unique design. COG shift is minimized during harsh weather condition or even fast acceleration, enabling full control of the vessel.

SAFETY

G7 is equipped with fuel shut–off and fire extinguishing systems as well as other safety equipment with a focus on survivability of the vessel and crew .

TRAINING

Spectre Marine provides special customized training programmes at preferred locations.



OPTIONS

G7 can be adapted to various climates and weather conditions : a full cabin version with CBRN protection is available as an option .

CLASSIFICATION

SCCLASSIFICATION SOCIETY :CE

RIB TYPE, ISO 6185 – 4 : 2011 : TYPE X DESIGN

CATEGORY :B – OFFSHORE



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